

LISTING OF CLAIMS

Claims 1-26 are pending in this application. By this amendment, claims 1-19, 24-25 are withdrawn, claims 23 and 26 are amended and new claims 27 and 28 are added, as shown below.

The following listing of claims will replace all prior versions and listings.

1. (Withdrawn) An electric part to be connected to a main apparatus, comprising:

a case member having first and second side walls;

an electric circuit board placed inside said case member;

a terminal board including a terminal to be connected to said main apparatus and placed outside said first side wall;

a wiring unit for connecting said electric circuit board and said terminal board through a slit opening formed in said first side wall; and

a shield plate,

wherein said shield plate couples said first and second side walls.

2. (Withdrawn) The electric part according to claim 1, wherein said shield plate and said terminal board are fixed to said first side wall by a common fixing member.

3. (Withdrawn) The electric part according to claim 2, wherein said fixing member is conductive, and a ground electrode of said terminal board and said shield plate are electrically connected by said fixing member.

4. (Withdrawn) The electric part according to claim 1, wherein said slit opening has a shape to receive at least one of said electric circuit board and said terminal board therethrough.

5. (Withdrawn) The electric part according to claim 4, wherein said electric circuit board, said terminal board, and said wiring unit are connected to each other before being attached to said case member.

6. (Withdrawn) The electric part according to claim 1, wherein said slit opening has shape to receive said terminal board therethrough, said electric circuit board is attached to said case member after said electric circuit board, said terminal board, and said wiring unit are connected to each other, and thereafter said terminal board is extracted to the outside of said first side wall through said slit opening and attached to the outside of said first side wall.

7. (Withdrawn) The electric part according to claim 1, wherein said first and second side walls oppose each other.

8. (Withdrawn) The electric part according to claim 1, wherein said case member has an assembly opening used when an internal structure is assembled, and said electric part further comprises a cover member for closing said assembly opening.

9. (Withdrawn) The electric part according to claim 8, wherein said cover member comprises an engaging portion which engages with said slit opening to fix said cover member to said case member, and no unnecessary ambient light enters into said electric part when said engaging portion engages with said slit opening to fix said cover member to said case member.

10. (Withdrawn) The electric part according to claim 9, wherein no ambient light enters through said slit opening when said engaging portion engages with said slit opening to fix said cover member to said case member.

11. (Withdrawn) The electric part according to claim 1, wherein said electric part is used as a scanner head.

12. (Withdrawn) The electric part according to claim 1, wherein said main apparatus is capable of mounting a scanner head instead of a printhead, and said electric part is used as said scanner head.

13. (Withdrawn) The electric part according to claim 1, further comprising:
an image sensing device; and
an optical system for forming an image of an original on said image sensing device.

14. (Withdrawn) The electric part according to claim 1, further comprising:
an image sensing device;
a first cylindrical member holding a first lens;
a second cylindrical member holding a second lens having the same optical axis as said first lens;
a third cylindrical member for determining the position of said image sensing device in the direction of said optical axis;
a first adjusting mechanism for continuously adjusting and fixing the position of said second cylindrical member with respect to said first cylindrical member along said optical axis; and
a second adjusting mechanism for stepwise adjusting and fixing the position of said third cylindrical member with respect to said first cylindrical member along said optical axis,
wherein in amount of adjustment by said second adjusting mechanism is determined in accordance with a stepwise selectable pivoting angle of said third cylindrical

member around said optical axis, and said first and second adjusting mechanisms are operable from outside said case member.

15. (Withdrawn) The electric part according to claim 14, further comprising a third adjusting mechanism for fixing said image sensing device to said third cylindrical member by pivoting said image sensing device on said optical axis.

16. (Withdrawn) An electric part to be connected to a main apparatus, comprising:

a case member having a slit opening and an assembly opening used when an internal structure is assembled;

an electric circuit board placed inside said case member;

a terminal board including a terminal to be connected to said main apparatus and placed outside a side wall of said case member;

a wiring unit for connecting said electric circuit board and said terminal board through a slit opening formed in said side wall; and

a cover member for closing said assembly opening;

wherein said cover member comprises an engaging portion which engages with said slit opening to fix said cover member to said case member, and no unnecessary ambient light enters into said case member through said slit opening when said engaging portion engages with said slit opening to fix said cover member to said case member.

17. (Withdrawn) The electric part according to claim 16, wherein said electric part is used as a scanner head.

18. (Withdrawn) The electric part according to claim 16, wherein said main apparatus is capable of mounting a scanner head instead of a printhead, and said electric part is used as said scanner head.

19. (Withdrawn) The electric part according to claim 16, further comprising:

an image sensing device; and
an optical system for forming an image of an original on said image sensing device.

20. (Original) An optical part for forming an image on an image sensing device, comprising:

a first cylindrical member holding a first lens;
a second cylindrical member holding a second lens having the same optical axis as said first lens;
a third cylindrical member for determining the position of said image sensing device in the direction of said optical axis;
an externally operable first adjusting mechanism for continuously adjusting and fixing the position of said second cylindrical member with respect to said first cylindrical member along said optical axis; and
an externally operable second adjusting mechanism for stepwise adjusting and fixing the position of said third cylindrical member with respect to said first cylindrical member along said optical axis,
wherein an amount of adjustment by said second adjusting mechanism is determined in accordance with a stepwise selectable pivoting angle of said third cylindrical member around said optical axis.

21. (Original) The optical part according to claim 20, further comprising a third adjusting mechanism for fixing said image sensing device to said third cylindrical member by pivoting said image sensing device on said optical axis.

22. (Original) The optical part according to claim 20, further comprising:
an electric circuit board for controlling said image sensing device;

a connecting portion for connecting said electric circuit board to an external electric circuit; and

a case member for accommodating said components,

wherein said optical part functions as a scanner head.

23. (Currently Amended) The optical part according to claim 22, wherein said optical part is used in an apparatus capable of mounting a printhead scanner head instead of a scanner head printhead.

24. (Withdrawn) A processing apparatus comprising:

a main apparatus; and

an electric part capable of being attached to and detached from said main apparatus,

wherein said electric part comprises:

a case member having first and second side walls;

an electric circuit board placed inside said case member;

a terminal board including a terminal to be connected to said main apparatus and placed outside said first side wall;

a wiring unit for connecting said electric circuit board and said terminal board through a slit opening formed in said first side wall; and

a shield plate,

said shield plate couples said first and second side walls, and

said main apparatus communicates with said electric part via said terminal board and executes predetermined processing by using said electric part.

25. (Withdrawn) A processing apparatus comprising:

a main apparatus; and

an electric part capable of being attached to and detached from said main apparatus,

wherein said electric part comprises:

a case member having a slit opening and an assembly opening used when an internal structure is assembled;

an electric circuit board placed inside said case member;

a terminal board including a terminal to be connected to said main apparatus and placed outside a side wall of said case member;

a wiring unit for connecting said electric circuit board and said terminal board through a slit opening formed in said side wall; and

a cover member for closing said assembly opening,

said cover member comprises an engaging portion which engages with said slit opening to fix said cover member to said case member, and no unnecessary ambient light enters into said case member through said slit opening when said engaging portion engages with said slit opening to fix said cover member to said case member, and

said main apparatus communicates with said electric part via said terminal board and executes predetermined processing by using said electric part.

26. (Currently Amended) A processing apparatus comprising:

a main apparatus; and

an optical part capable of being attached to and detached from said main apparatus, said optical part for forming an image on an image sensing device,

wherein said optical part comprises:

a first cylindrical member holding a first lens;

a second cylindrical member holding a second lens having the same optical axis as said first lens;

a third cylindrical member for determining the position of said image sensing device in the direction of said optical axis;

an externally operable first adjusting mechanism for continuously adjusting and fixing the position of said second cylindrical member with respect to said first cylindrical member along said optical axis; and

an externally operable second adjusting mechanism for stepwise adjusting and fixing the position of said third cylindrical member with respect to said first cylindrical member along said optical axis,

an amount of adjustment by said second adjusting mechanism is determined in accordance with a stepwise selectable pivoting angle of said third cylindrical member around said optical axis, and

said main apparatus processes an image signal provided by said image sensing device ~~of said optical part~~.

27. (New) The optical part according to claim 20, wherein said stepwise selectable pivoting angle is determined by selecting one of stepwise angles, in a plane intersecting said optical axis, of pivoting an arm connected to said third cylindrical member.

28. (New) The optical part according to claim 26, wherein said stepwise selectable pivoting angle is determined by selecting one of stepwise angles, in a plane intersecting said optical axis, of pivoting an arm connected to said third cylindrical member.